



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: October 20, 2009

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of The Haley At De La Vina Street Bridge Replacement Project

RECOMMENDATION: That Council:

- A. Award a contract with Lash Construction, Inc. (Lash), waiving minor irregularities, in their low bid amount of \$4,721,406, for construction of the Haley at De La Vina Street Bridge Replacement Project (Project), Bid No. 3396;
- B. Authorize the Public Works Director to execute a contract and approve expenditures up to \$472,140 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment;
- C. Authorize the Public Works Director to execute a contract with Mimiaga Engineering Group (MEG), in the amount of \$886,828, for construction management services, and authorize the Public Works Director to approve expenditures of up to \$88,682 for extra services of MEG that may result from necessary changes in the scope of work;
- D. Authorize the Public Works Director to execute a contract with Bengal Engineering (Bengal), in the amount of \$45,000, for design support services during construction, and authorize the Public Works Director to approve expenditures of up to \$4,500 for extra services of Bengal that may result from necessary changes in the scope of work; and
- E. Authorize the Public Works Director to execute a contract with Ayers & Associates (Ayers), in the amount of \$55,080, for community outreach services.

EXECUTIVE SUMMARY:

Six bids were received for the Project, with the lowest bidder being Lash. To complete the construction phase of the Project, staff recommends Council waive the minor bid irregularity, and authorize the Public Works Director to accept the low bid and enter into a contract with Lash. The minor bid regularity has been resolved and no bid protests have been submitted. Staff also recommends that Council authorize the Public Works Director to enter into a contract with MEG, Bengal, and Ayers for services during construction.

DISCUSSION:

PROJECT DESCRIPTION

The existing bridge at the Haley at De La Vina Street intersection over Lower Mission Creek is structurally deficient by Caltrans standards, and per the Lower Mission Creek Flood Control Project, the replacement bridge is designed to accommodate an increased flood water capacity.

This project consists of replacing the structurally deficient bridge, increasing the flood water capacity, enhancing creek beds and banks with native plantings to attract wildlife, and installing new pedestrian components, including sidewalks and crosswalks, curb and gutter work, larger corners to accommodate people waiting to cross the street, and new access ramps. New intersection streetlighting will be installed as part of this Project, whereas general neighborhood streetlighting will be addressed as a separate Capital Improvement project following bridge construction.

The City has applied for, and been authorized to use, Highway Bridge Rehabilitation & Replacement (HBRR) funds to pay for 88.53% of eligible project construction costs, with the City contributing 11.47% plus any ineligible costs (e.g. architectural aesthetic elements above and beyond basic bridge elements). The HBRR program is a federally funded program of the Federal Highway Administration, administered through Caltrans.

RIGHT-OF-WAY ACQUISITION

To accommodate the new bridge, three permanent property acquisitions have been made at 434 De La Vina Street, 136 West Haley Street, and a small upstream portion of the Mission Creek floodway. The structure at 136 West Haley Street is a City of Santa Barbara Structure of Merit, and therefore it will be protected during the construction of the bridge, and restored onsite at the completion of the Project.

TEMPORARY TRAFFIC CONTROL AND PARKING PLANS

The construction phase is scheduled to begin in late November 2009, and be completed by spring 2011. Since the bridge runs diagonally across the intersection, construction work will require that the intersection be completely closed to traffic for approximately 15 months.

Staff spent considerable time and effort analyzing the potential traffic impacts during construction. DKA Associates conducted a traffic study that contributed to a detailed traffic control strategy that includes temporary head-in parking, and temporary one-way traffic on Brinkerhoff Avenue. The result is a net neighborhood loss of only two parking spaces during construction.

PUBLIC OUTREACH

On August 31, 2009, Fact Sheets, written in both English and Spanish, were sent out providing residents with basic Project related information which included the dedicated Project phone number and website address (www.SantaBarbaraCA.gov/haleybridge). Two pre-construction public meetings were held on September 15, 2009, and October 13, 2009, to inform residents of our construction timeline and review project details.

CONTRACT BIDS

A total of six (6) bids were received for the subject work, ranging as follows:

	BIDDER	BID AMOUNT
1.	Lash Construction, Inc. Santa Barbara	\$4,721,406.00
2.	Granite Construction Santa Barbara	\$4,746,481.00
3.	Souza Construction San Luis Obispo	\$5,285,036.25*
4.	R. Burke Corporation San Luis Obispo	\$5,522,293.00
5.	C.A. Rasmussen, Inc Valencia	\$5,541,988.00
6.	Whitaker Construction Group Paso Robles	\$6,393,232.70
		<i>*corrected bid total</i>

The low bid of \$4,721,406, submitted by Lash is an acceptable bid that is responsive to and meets the requirements of the bid specifications.

Lash's bid proposal did contain two minor bid irregularities, which have been resolved in accordance with the California Public Contracting Code and City Standard Specifications. No bid protests were submitted for this Project.

The change order funding recommendation of \$472,140, or 10%, is typical for this type of work and size of project.

CONSTRUCTION PHASE CONTRACT SERVICES

Due to the magnitude of the Project and specialized expertise necessary for construction, staff solicited a Request for Proposal (RFP) in April 2009 for consulting firms to provide general construction management services, including constructability review, environmental oversight and monitoring, and inspection and testing services.

Four firms submitted proposals and a panel concluded that MEG was the most qualified to perform this work.

Staff recommends that Council authorize the Public Works Director to execute a contract with MEG in a maximum not to exceed amount of \$886,828, including \$86,682 for extra services, for construction management services. MEG has proven to be a capable firm on recently completed work at the Cater Water Treatment Plant and the El Estero Wastewater Treatment Plant.

Staff also recommends that Council authorize the Public Works Director to execute a contract with Bengal, the Project's design firm, in the amount of \$45,000, including \$4,500 for extra services, for design support services during construction.

Staff recommends that Council authorize the Public Works Director to execute a contract with Ayers in the amount of \$55,080 for community outreach services. Ayers provided community outreach services during the design phase of the Project and has proven to be responsive, timely, and a capable firm.

BUDGETARY AND FINANCIAL INFORMATION

This Project is funded with a combination of grant funds and City Measure D funds. The HBRR grant pays 88.53% of the construction phase of the Project, and the City pays the remaining 11.47%. There are sufficient funds in the Streets Capital Program Fund to cover the City's share of the construction phase costs. The City's cost (11.47% plus ineligible costs) of the total \$6,273,636 Construction Contract Funding Summary, is \$833,135.

The following summarizes the expenditures recommended in this report:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Basic Contract	Change Funds	Total
Lash	\$4,721,406	\$472,140	\$5,193,546
MEG	\$886,828	\$88,682	\$975,510
Bengal	\$45,000	\$4,500	\$49,500
Ayers	\$55,080	-0-	\$55,080
TOTAL RECOMMENDED AUTHORIZATION			\$6,273,636

The following summarizes all Project design costs, construction contract funding, and other Project costs:

ESTIMATED TOTAL PROJECT COST

Design	
Design (by Contract)	\$1,077,536
Design (by City Staff)	\$554,025
Other Design Costs - Environmental Studies & Public Outreach	\$90,007
Right of Way Consultant Services	\$123,952
Subtotal	\$1,845,520
Construction	
Construction Contract	\$4,721,406
Construction Change Order Allowance	\$472,140
Construction Management/Inspection (by Contract)	\$975,510
Design Support Services	49,500
Community Outreach Services	\$55,080
Subtotal	\$6,273,636
Project Management (by City Staff)	\$150,000
Property Acquisition & Easements	\$1,785,990
Subtotal	\$1,935,990
TOTAL PROJECT COST	\$10,055,146

SUSTAINABILITY IMPACT:

The Project will recycle concrete, asphalt and steel removed during demolition. The creek restoration work will remove all non-native plant species and enhance aquatic habitat for the Steelhead Trout in the Project area.

PREPARED BY: Joshua N. Haggmark, Principal Civil Engineer/LA/sk

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office